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filPhysically Based Parameterizations of the Short-Wave Radiative Characteristics of Weakly Absorbing Optically Thick Media: Application to Liquid-Water Clouds

- Applied Optics, Vol. 37 Issue 21, pp.4750-4757 (1998)
- Kokhanovsky, Alexander A; Nakajima, Teruyuki; Zege, Eleonora P
- We propose the physically based parameterization of the radiative characteristics of liquid-water clouds as functions of the wavelength, effective radius, and refractive index of...

Mitigation of Beat Noise in Time–Wavelength Optical Code-Division Multiple-Access Systems

- Journal of Lightwave Technology, Vol. 24 Issue 11, pp.4215-4222 (2006)
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Monte Carlo and discrete-ordinate simulations of spectral radiances in a coupled air-tissue system

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- We perform a detailed comparison study of Monte Carlo (MC) simulations and discrete-ordinate radiative-transfer (DISORT)

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- Journal of Lightwave Technology, Vol. 19 Issue 10, pp.1416- (2001)
- Zuo, Chao; Ma, Wenhua; Pu, Hongtu; Lin, Jintong
- In this paper, we develop a systematic method that employs transfer function considering encoder, fiber channel, and decoder to analyze the frequency-hopping (FH) optical code-division...



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- Cathey, W Thomas; Dowski, Edward R
- We describe a new paradigm for designing hybrid imaging systems. These imaging systems use optics with a special aspheric surface to code the image so that the point-spread function...



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- Berrocal, Edouard; Meglinski, Igor; Jermy, Mark
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- Applied Optics, Vol. 44 Issue 35, pp.7602-7610 (2005)
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